

SAFETY DATA SHEET

FRUITFED CHLORO-IPC™

Date of Issue: 24 July 2023

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Recommended use:	Chlorpropham Herbicide
Supplier:	UPL New Zealand Limited PO Box 51584, Pakuranga Auckland Phone 0800 100 325 www.upl-ltd.com/nz
Emergency telephone number:	0800 CHEM CALL (0800 243 622) 24 Hours



2. HAZARDS IDENTIFICATION

Flammable liquid – Cat 3
Skin irritation – Cat 2
Eye irritation – Cat 2
Reproductive toxicity – Cat 2
STOT Repeated Exposure – Cat 2
Hazardous to the aquatic environment chronic – Cat 2
Hazardous to soil organisms

Required identification Details:

Signal Word: **WARNING**

Label Notice - Keep out of reach of Children.
Label Notice - Read label before use.
Label Notice – If medical advice is needed, have the product container or label at hand.

H226 – Flammable liquid and vapour.
H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H361 – Suspected of damaging fertility or the unborn child.
H373 – May cause damage to organs through prolonged or repeated exposure.
H411 – Toxic to aquatic life with long lasting effects.
Hazardous to soil organisms.
Label Notice – Do not apply directly into or onto water.
Label Notice – Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

P201 – Obtain special instructions before use.
P202 – Do not handle until all safety precautions have been read and understood.

P210 – Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P233 – Keep container tightly closed.

P241 – Use explosion-proof equipment.

P242 – Use only non-sparking tools.

P243 – Take precautionary measures against static discharge.

P260 – Do not breathe dust/fume/gas/mist/vapours/spray.

P264 – Wash hands thoroughly after handling.

P273 – NA, release is intended.

P280 – Wear protective gloves/eye protection/face protection.

P281 – Use personal protective equipment as required.

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

P303 + P361 + P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P308 + P313 – IF exposed or concerned: Get medical advice/attention.

P314 – Get medical advice/attention if you feel unwell.

P321 – NA, No specific treatment specified.

P332 + P313: If skin irritation occurs: Get medical advice/attention.

P337 + P313: If eye irritation persists: Get medical advice/attention.

P362 – Take off contaminated clothing and wash before reuse.

P370 + P378 – In case of fire: Use foam or dry powder for extinction.

P391 – Collect spillage.

P403 + P235 – Store in a well-ventilated place. Keep cool.

P405 – Store locked up.

P501 – Dispose of contents/container in accordance with local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Chlorpropham	101-21-3	40
Aromatic solvent	Proprietary	50

4. FIRST-AID MEASURES

Effects and symptoms

The most important known symptoms and effects are described in Section 2.

General information:

Show this safety data sheet to the doctor in attendance.

First-aid measures

Inhalation:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Give artificial respiration if victim is not breathing. Get medical attention, if you feel unwell.

Ingestion:

Rinse mouth. Never give anything by mouth to an unconscious person. Do not induce vomiting unless told by physician. If vomiting occurs ensure patient can breathe. Get medical attention, if you feel unwell.

Skin contact:	Remove contaminated clothing and shoes immediately, then wash with plenty of water. Clean contaminated clothing and shoes before re-use or discard if they cannot be thoroughly cleaned. If skin irritation or rash occurs, get medical attention.
Eye contact:	Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
Notes to a physician:	Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

General Fire Hazards:	
Extinguishing media:	Recommended extinguishing media; alcohol resistant foam, CO ₂ , powder, water spray. Do not use; water jet.
Hazardous thermal (de)composition products:	Carbon oxides, Nitrogen oxides (NO _x), Hydrogen chloride gas.
Special fire-fighting procedures:	
Advice for fire-fighters:	Wear self-contained breathing apparatus and protective suit. Use standard firefighting procedures and consider the hazards of involved material.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Do not eat, drink or smoke while using this product. Avoid contact with skin and eyes. Take precautionary measures against static discharge. Do not breathe vapor/mist. Keep unnecessary people away. Ensure adequate ventilation. Isolate area.
Environmental precautions:	Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.
Methods for cleaning up:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Follow all label instructions regarding spill clean-up and residual disposal methods.

7. HANDLING AND STORAGE

Handling:	Use only non-sparking tool. Use explosion-proof electrical/ventilating/lighting.../equipment. Ground/Bond container and receiving equipment. Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. Wear Suitable protective equipment. Avoid contact with skin and eyes. Avoid breathing vapour or mist. Ensure adequate ventilation. Wash thoroughly after handling. Avoid release to environment. Empty containers may contain hazardous residues. Do not reuse empty container.
Storage:	Store in accordance with local regulation. Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep away from incompatible material. Do not store in unlabelled containers. Do not store material near food, feed or drinking water.
Packaging materials:	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Workplace Exposure Guidelines</u>	
Exposure Standards:	TWA

50 ppm
217 mg/m³

Engineering measures

Exposure control measures:

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

General information:

Respiratory system:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Skin and body:

Wear protective long-sleeved clothing.

Hands:

Wear protective gloves.

Eyes:

Avoid contact with eyes. Where there is potential for eye contact have eye flushing equipment available. Tightly fitting safety goggles. Face-shield.

General hygiene:

Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour, etc.):

Homogenous yellow transparent liquid with no sediments.

Odour:

Strong organic.

Odour threshold:

Not available.

pH:

6-7

Melting point/freezing point:

Not available.

Initial boiling point and boiling range:

Not available.

Flash Point:

51°C (Closed cup).

Flammability (solid, gas):

Not applicable.

Upper/lower flammability or explosive limits:

Not explosive.

Vapour pressure:

Not available.

Vapour density:

Not available.

Relative density:

997.4 kg/m³, at 20°C.

Solubility (ies):

Not available.

Partition coefficient: n-octanol/water:

Not available.

Auto-ignition temperature:

Not available.

Decomposition temperature:

Not available.

Kinematic viscosity:

5.93 mm²/s.

Particle characteristics:

Not applicable.

Surface tension:

35.73 mN/m

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Conditions to avoid:

Avoid ignition source. Exposure to elevated temperature can cause product to decompose.

Materials to avoid:

Strong acid and strong bases, strong reducing agents.

Hazardous Decomposition Products:

No decomposition products expected under normal conditions of use. Thermal decomposition can lead to release of irritating or toxic fumes (or gases) in fire.

Hazardous reactions:

Hazardous reactions not anticipated.

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral:	Not classified. LD50 Oral = >5000 mg/kg
Acute toxicity - Dermal:	Not classified. LD50 Dermal = >5000 mg/kg
Acute toxicity – Inhalation:	Not classified. LC50 Inhalation = >3.977 mg/l (Maximum breathing zone concentration - No mortality)
Skin irritation:	Causes mild skin irritation.
Eye irritation:	Causes serious eye irritation.
Sensitization:	Non-sensitiser.

Chronic toxicity

Carcinogenicity:	Not classified.
Germ Cell Mutagenicity:	Not classified.
Reproductive toxicity:	Classified as a reproductive toxicant.
Aspiration Hazard:	No aspiration hazard expected.
Specific target organ systemic toxicity (single exposure):	Not considered as toxic to specific organs.
Specific target organ systemic toxicity (repeated exposure):	May cause damage to organs through prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

Toxicity:	
Fish	LC50/Fish/96hr = 7.5 mg/L
Aquatic Invertebrates	EC50/Daphnia/48hr = 2.6 mg/l
Toxicity to Aquatic Plants	EC50/Algae/72hr = 1 mg/l
Persistence and Degradability:	No information available.
Bioaccumulative potential:	No information available.
Results of PBT and vPvB assessment:	This substance is not considered to be persistent, bio accumulative and toxic (PBT). This substance is not considered to be very persistent and very bio accumulative (vPvB).
Mobility in soil:	No data available
Endocrine disrupting properties:	The substance does not contain components considered to have endocrine disrupting properties.

13. DISPOSAL CONSIDERATIONS

Methods of disposal:	Ideally, the product should be used for its intended purpose. Otherwise dispose of in a suitable landfill in accordance with local regulations.
Empty container precautions:	Avoid contamination of any water supply with chemical or empty pack. Ensure pack is completely empty by adding residue to spray tank. Use Agrecovery.

14. TRANSPORT INFORMATION - International transport regulations

UN number:	1993
Hazchem:	3Y
Class or Division:	3
Subsidiary Class:	NA
Packing Group:	III
Marine Pollutant:	Yes
Proper shipping name:	Flammable liquid, n.o.s. (Chlorpropham, Aromatic solvent)

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

15. REGULATORY INFORMATION

ACVM Registered Number: P005513
HSNO Approval Code: HSR007885

16. OTHER INFORMATION

Additional information:
Original Issue Date: 24 July 2023
Revision Date:
Replaces:

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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